

05-21-2004

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Attorney Docket No.: 4611-038

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17858 U.S. PTO
10/846450

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Execution Date
Month Day Year
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Name (line 1) Sang-Won HA

Name (line 2)

Second Party

Name (line 1) Byoung-Ho RHEE

Execution Date
Month Day Year
01/14/2004

Name (line 2)

10846450

Receiving Party

☐ **Mark if additional names of receiving parties attached**

Name (line 1) SAMSUNG ELECTRO-MECHANICS CO., LTD.

Name (line 2)

Address (line 1) 314, Maetan-3dong, Youngtong-gu, Suwon-si

Address (line 2)

Address (line 3) Kyunggi-Do

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Name GOTTLIEB RACKMAN & REISMAN, P.C.

Address (line 1) 270 Madison Avenue, 8th floor

Address (line 2) New York, New York 10016-0601 USA

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1**Fee Amount**Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

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Name (line 1) Keun-Ho KIM

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Name (line 2)

Execution Date
Month Day Year

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Name (line 1) Kyoung-Up SHIN

Name (line 2)

Execution Date
Month Day Year

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Name (line 1) Dek-Gin YANG

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Patent Application Number(s)

Patent Number(s)

U.S. PTO
10/846450
17858



Assignment of Executed Patent Application

Date: January 14, 2004

Assignor **Sang-Won HA**
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Assignor **Keun-Ho KIM**
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Assignor: **Kyoung-Up SHIN**
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Assignor: **Dek-Gin YANG**
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Cheongwon-gun, Chungcheongbuk-do 363-852, Korea**

Assignor:
Address:

Assignee: **SAMSUNG ELECTRO-MECHANICS CO., LTD.**
Address: **314, Maetan-3dong, Youngtong-gu, Suwon-si, Kyunggi-Do 443-743, Republic of Korea**

If there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them.

This assignment relates to a United States patent application signed by Assignor on **January 14, 2004**
and entitled

PRINTED CIRCUIT BOARD INCLUDING WAVEGUIDE AND METHOD OF PRODUCING THE SAME

This patent application is called "the Patent Application".

Assignor has received Ten Dollars (\$10.00) and other good and valuable consideration for this assignment.

Assignor assigns to Assignee all of Assignor's right, title and interest in the Patent Application, the invention described and claimed in the Patent Application, and all patents that may issue based on the invention and on the Patent Application in the United States *and in every foreign country*. *Assignor also assigns to Assignee all priority rights in the Patent Application.* *

In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. * Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee.

Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this assignment.

This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

The undersigned hereby grant(s) to the firm of Gottlieb, Rackman & Reisman, 270 Madison Avenue, New York, New York 10016-0601, the power to insert on this assignment any further identification of the Patent Application which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office concerning recordation of this document.

The effective date of this assignment is the date at the top of this assignment.

SIGNATURE(S)

DATE

TYPED OR
PRINTED NAME(S)

하 상 원

January 14, 2004

Sang-Won HA

First Name Middle Initial Last Name

* *Strike italicized sections only if foreign rights are not intended to be assigned.*

Byoung-Ho
First Name Middle Initial Last Name

January 14, 2004

Byoung-Ho RHEE

김근호
First Name Middle Initial Last Name

January 14, 2004

Keun-Ho KIM

신경업
First Name Middle Initial Last Name

January 14, 2004

Kyoung-Up SHIN

Yang
First Name Middle Initial Last Name

January 14, 2004

Dek-Gin YANG

First Name Middle Initial Last Name

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